

3. Provide flush wood panels of wood veneer density and fire-retardant plywood core construction having the following surface burning characteristics:
 - a. Flame Spread: 75 or less.
 - b. Smoke Developed: 40 or less.

2.8 WOOD CABINETS FOR TRANSPARENT FINISH

- A. Quality Standard: Comply with AWI Section 400 requirements for wood cabinets, unless otherwise indicated.
- B. Grade: Premium.
- C. AWI Type of Cabinet Construction: As indicated. .
- D. Reveal Dimension: As indicated.
- E. Wood Species and Cut for Exposed Surfaces: Same as paneling specified above.
- F. Semiexposed Surfaces: Provide surface materials indicated below:
 1. Surfaces Other Than Drawer Bodies: Match species and cut indicated for exposed surfaces.

2.9 SHOP FINISHING

- A. Quality Standard: Comply with AWI Section 1500, unless otherwise indicated.
- B. General: The entire finish of interior architectural woodwork is specified in this Section, regardless of whether shop applied or applied after installation. The extent to which the final finish is applied at fabrication shop is Contractor's option, except shop apply at least the prime coat before delivery.
- C. Preparations for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing architectural woodwork, as applicable to each unit of work.
 1. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling and to end-grain surfaces.
- D. Transparent Finish: Comply with requirements indicated below for grade, finish system, staining, and sheen, with sheen measured on 60-degree gloss meter per ASTM D 523:
 1. Grade: Premium.
 2. AWI Finish System TR-4: Conversion varnish or TR-5, catalyzed vinyl lacquer, in color of stain to match wood doors as selected by Project Manager/Contracting Officers Technical Representative (PM/COTR).
 3. Filled Finish for Open-Grain Woods: After staining, apply paste wood filler to open-grain woods and wipe off excess. Tint filler to match approved sample of stained wood as selected by Project Manager/Contracting Officers Technical Representative (PM/COTR).
 - a. Apply vinyl wash coat sealer after staining and before filling.
 4. Sheen: Shall match approved sample.

- ## 2.10 HARDWARE:
- A. Where pin tumbler locks are specified, disc tumbler lock "Duo A", with brass working parts and case, as mfgd. By the Illinois Lock